

19970630.qrp qrp-por0.772  
>From owner-qrp-l@Lehigh.EDU Sun Jun 29 18:03 CDT 1997  
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])  
> by uro.theporch.com (8.8.6/A-UX-3.1.1) with ESMTP id SAA16586  
> for <shimshon@uro.theporch.com>; Sun, 29 Jun 1997 18:03:47 -0500 (CDT)  
>Received: from fidoii.CC.lehigh.EDU (fidoii.CC.lehigh.EDU [128.180.1.4])  
> by sco.theporch.com (8.8.6/SCO-5.0.2) with ESMTP id XAA03510  
> for <shimshon@theporch.com>; Sun, 29 Jun 1997 23:03:43 GMT  
>Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id  
<34879-64362>; Sun, 29 Jun 1997 19:03:09 -0400  
>Date: Sun, 29 Jun 1997 19:03:05 EDT  
>Sender: owner-qrp-l@Lehigh.EDU  
>Precedence: bulk  
>From: qrp-l@Lehigh.EDU  
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
>Subject: QRP-L digest 772  
>Mime-Version: 1.0  
>Content-Type: text/plain; charset=us-ascii  
>X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN  
>Message-Id: <97Jun29.190309edt.34879-64362+81@fidoii.cc.Lehigh.EDU>  
>Status: 0

## QRP-L Digest 772

Topics covered in this issue include:

- 1) [22120] FS: OHR-400 and DD-1  
by JFelts4572@aol.com
- 2) [22121] Re: MIR comm frequency  
by "Phil, K6LS" <k6ls@qsl.net>
- 3) [22122] FS: OHR-400, DD-1  
by JFelts4572@aol.com
- 4) [22123] 38S Help--Erratic 74HC240  
by SNickrand@aol.com
- 5) [22124] Re: 38S Help--Erratic 74HC240  
by Bill Carver <bcarver@magiclink.com>
- 6) [22125] Logging Programs?  
by MSU1972@aol.com
- 7) [22126] DX during Field Day//CY0AA  
by n4so@juno.com
- 8) [22127] Norcal 40A is up and running  
by "John A. Evans" <jaevans@codenet.net>
- 9) [22128] ::WANTED SIERRA 40MTR & 20MTR MODULES  
by Lee <jcs4us@cosmoaccess.net>
- 10) [22129] KENWOOD.ZIP Mod files  
by n4so@juno.com
- 11) [22130] SST not a toy!  
by pmeier <pmeier@tir.com>

- 12) [22131] FD  
by n4js@amsat.org
- 13) [22132] QRP Frontier?  
by michael.hopkins.1171@corvus.com (Michael Hopkins)
- 14) [22133] Scanners?  
by Sandy W5TVW <ebjr@worldnet.att.net>
- 15) [22134] Re: MIR comm frequency  
by K4AHK@ix.netcom.com
- 16) [22135] 15 meters open  
by n4js@amsat.org
- 17) [22136] RE: 15 meters open  
by n4js@amsat.org
- 18) [22137] Keyer  
by Bob Liesenfeld <wb0poq@visi.com>
- 19) [22138] Re: Keyer  
by rob3ert@juno.com (Robert G. Parks)
- 20) [22139] FD Report: Rogue ScQRPion in the Mountains  
by Joe Gervais <vole@primenet.com>
- 21) [22140] Re: 74HCT240 vs. 74HC240 in 38S  
by Alan Kaul <kaul@netcom.com>
- 22) [22141] Trade Argosy for Icom 730  
by "Kelly Ellison" <kelman@dialnet.net>
- 23) [22142] Re: SST not a toy!  
by "David D. Meacham" <ddm@datatamers.com>
- 24) [22143] Logging Survey  
by mdwatt@usit.net (Marty Watt)
- 25) [22144] 40m G5RV Beam  
by Cecil A Moore <Cecil\_A\_Moore@ccm.ch.intel.com>
- 26) [22145] FD- 1B VA  
by "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
- 27) [22146] Nuts & Volts -- Need a Few Articles  
by astone@erols.com
- 28) [22147] RE: Voltage Regulator ICs and Low Power CMOS  
by Larry East <w1hue@amsat.org>

-----  
Date: Sat, 28 Jun 1997 20:16:36 -0400 (EDT)  
From: JFelts4572@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [22120] FS: OHR-400 and DD-1  
Message-ID: <970628201636\_-1561994019@emout11.mail.aol.com>

For sale: OHR-400 and DD-1. About 6 months old, aligned by OHR. This is a really great radio, but I'm in a bit of a bind and must sell. You buy , I ship. Please e-mail if interested.

Jerry -- NR5A

-----  
Date: Sat, 28 Jun 1997 18:28:12 -0700  
From: "Phil, K6LS" <k6ls@qsl.net>  
To: cnw@hiwaay.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [22121] Re: MIR comm frequency  
Message-ID: <33B5AC1C.2461@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Matt Wright, AE4JM wrote:

>  
> Where would be a good place, beside amsat and qrz, to get the element info  
> for MIR, updated, and also to add the RS-12 satellite to my pctrk  
> software?

You can get the latest Keps from AMSAT.

you can get there from my web page (below) or:

<http://www.amsat.org>

good luck.

--

73 de Phil, K6LS/0  
k6ls@qsl.net <or> k6ls@amsat.org  
DM79oq, Arapahoe County, Colorado  
ITU zone 7, CQ zone 4  
<http://www.qsl.net/k6ls>

-----  
Date: Sat, 28 Jun 1997 20:45:22 -0400 (EDT)  
From: JFelts4572@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [22122] FS: OHR-400, DD-1  
Message-ID: <970628204522\_-1561994000@emout10.mail.aol.com>

Oops, forgot one very important thing, asking \$300 for the OHR-400 and DD-1

Jerry -- NR5A

-----  
Date: Sat, 28 Jun 1997 22:03:31 -0400 (EDT)  
From: SNickrand@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [22123] 38S Help--Erratic 74HC240  
Message-ID: <970628220330\_-858492350@emout05.mail.aol.com>

My second 38S is nearing operational status except for this:

Receives great, better than the first one. Has the tick and 5 watt mod. When paddle is pressed, you hear a ticking sound corresponding to the action of the tick keyer but no sidetone, no power out (IRF510 gets hot though). When pin 11 of the HC240 is momentarily touched by finger or dmm probe, the side tone kicks in and I get about 2 to 3 watts out. The radio works like this until it is shut off, and then pin 11 has to be touched again in order to establish sidetone and pwr out. (By the way, I did have U1, Recvr mixer installed wrong and burnt it up prior to this so there is a chance something else got "partially fried") Also, getting lots of harmonics--hear a hash sound throughout the entire 20, 15 and 10 meter bands. In fact, I the 38S is set to 10.13 for instance, I do pick it up at that frequency on my Argosy, but also at 28.13, it sounds 599 as well. I have this same problem with my first 38S--yet unsolved. Any suggestions (besides retiring my solder iron!)

Bill Nickrand, KB9KOL

-----  
Date: Sat, 28 Jun 1997 22:36:20 -0400  
From: Bill Carver <bcarver@magiclink.com>  
To: SNickrand@aol.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [22124] Re: 38S Help--Erratic 74HC240  
Message-ID: <199706290236.WAA46499@nss2.CC.Lehigh.EDU>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I'm not a 38S expert. I worked on a local's a month or so ago. This is from memory:

The input of the first 74HC240 is capacitively coupled to the collector of its driver transistor. There is no DC return for that input. That is a NO-NO. I looked at the schematic and figured that was a problem area, depending on the characteristics of the particular 240. It's not even a matter of discussion: the input should be biased to about +2.5 volts on transmit, and toward either ground or +5 on receive so it's not biased in

the middle of its active region.

If the IRF510 is forward biased enough it will draw LOTS of dc all the time, receive or transmit. Jack's was getting very hot and was drawing about 5 watts dc on receive. If there is enough drive power the MOSFET could be operated without any dc bias on the gate and or one could bias it up a few volts, below the point where it draws quiescent current, but close enough that it won't take so much drive power. Jack said that someone had written about that. ?????

The gate threshold of a MOSFET is fairly sharp. Particularly when using batteries there should be some regulation or things will be changing with state of battery charge. Personally I would use a 78AC05 to get a stable +5 voltage, then use a pot to set the gate voltage just below the point where the MOSFET drew current with no signal.

Regards - Bill - W7AAZ

-----  
Date: Sat, 28 Jun 1997 22:45:48 -0400 (EDT)  
From: MSU1972@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [22125] Logging Programs?  
Message-ID: <970628224546\_1655715699@emout16.mail.aol.com>

OK...now it happened...laptop, electronic organizer, mfj code tutor, and (I could go on) stolen from airport...  
Fortunately, I saved all hame log except for last two months...I know...take my own advice and back-up more often.  
PROBLEM: I was using Log Ranger logging program and they must be out of business as I can't get any response from phone numbers...anyone know if there  
re still in business?  
YOU CAN HELP...since I have to start over...vote or the best logging program...of the ones I've looked at so far...DX4WIN looks pretty good...MFJ's is cheaper...has anyone tried it...  
GIVE ME YOUR VOTE OR AT LEAST 2 CENTS WORTH...  
DAVID, KB8OCC (MFJ-9420, 38s)

-----  
Date: Sat, 28 Jun 1997 23:06:23 EDT

From: n4so@juno.com  
To: qrp-1@Lehigh.EDU  
Subject: [22126] DX during Field Day//CY0AA  
Message-ID: <19970628.230246.5215.8.N4S0@juno.com>

CY0AA working 14.000 and making fast contacts with 5nn at about  
30 WPM.

Easy to work./ Sable Island , or St. Paul Island???

Ken Brown , N4S0  
QTH: Nr Mobile, AL  
QRP-L #622  
n4so@juno.com

-----  
Date: Sat, 28 Jun 1997 23:09:57 -0600  
From: "John A. Evans" <jaevans@codenet.net>  
To: qrp-1@Lehigh.EDU  
Subject: [22127] Norcal 40A is up and running  
Message-ID: <3.0.1.32.19970628230957.006db9d0@codenet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

OK Folks,

I am getting closer to being ready for the ARS Flight of the  
BumbleBees !! Got the NC40A going after a debugging bout - in  
hindsight, I seem to remember someone mentioning a few YEARS ago  
that there was a pad for C23 that was grounded and shouldn't have  
been - well, I found it and fixed it in about an hour. Quite  
disturbing to turn the radio on with no smoke and no audio hiss  
at all.

Moral - if you have an unassembled NC40A laying around, write yourself  
a note and stick it to the package - check for C23 pad to ground - it  
shouldn't be !!!

Great little radio, BTW. Plan to add a tick-2 (another teenie board  
that works great).

For those interested in the ARS setup, it is looking like the NC40A,  
MFJ-971 tuner, tick-2, Paddlette Keyer and KneePad, 40m dipole fed with  
300 ohm twinlead (if I get it to tune well in a variety of situations, I may  
leave the tuner at home), a 12V/4Ah gel cell, and all the camping/backpacking  
stuff, too.



back 20

years or so. Most of the files are in English but a few are in Spanish and are from various world-wide sources. Most of the Kenwood radios are in the file.

.....  
Richard A. Nash -- Your mail is being returned. Host name unknown.  
rnflyer@pop.pipeline.com is not recognized and Fatal Error issued.

Ken Brown , N4SO  
QTH: Nr Mobile, AL  
QRP-L #622  
n4so@juno.com

-----  
Date: Sun, 29 Jun 97 11:19:11 -0400  
From: pmeier <pmeier@tir.com>  
To: "QRP-L List" <qrp-l@Lehigh.EDU>  
Subject: [22130] SST not a toy!  
Message-ID: <199706291517.LAA09843@tir.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

Although the SST is a lot of fun to build and operate, I have come to the conclusion it is not a toy but a very decent rig. I used it for a few hours yesterday during field while enjoying the beautiful weather in a local park here in Michigan.

To preface the next statement let me state that I don't compete seriously during the June Field Day ( I save that for the Sept. QRP to the Field :). I go out to a local park and operate for just a few hour to enjoy the outdoors and have some radio fun. But to my point here... The SST is a wonderful radio which is very well designed and thought out. I say this after spending Friday evening building it and then taking it out to yesterday's FD event.

I made 7 contacts in the first hour on 20 meters with just about 2 watts into an SLV! This may not sound outstanding but considering the low power, the ease in which I made contacts in the crowded frey and in with relatively small 10khz of tuning space I WAS IMPRESSED!

Tuning is smooth as is the keying with no THUMPS! The audio is plenty loud with a very nice tone. As reported in Chuck's early review the unit went together easily and quickly. I found only one minor mistake and that was the value given for the choke RFC5 on the schematic. It was listed as 15uh but is closer to about 34uh. Follow the parts list and use 10 turns for RFC5. I incorporated the mods posted here on the list and found them



all to be useful. I replaced C10 with a variable trimmer (8-60pf). I installed the VBX mod but found I kept it about mid way through its range. I followed Dave Meacham's mods for using a 15K resistor across the pads of the tuning pot (for tuning linearity) and replaced the 6.8 choke at RFC3 with a 5.6uh unit to bring the top of the range up from 14058 to 14062. This mod reduced bandwidth from 20khz to 10khz however. But then again, I mostly look for QRPers and this allows plenty of range for "us". I also added a KC1 keyer which installed easily and worked flawlessly (just follow Wayne's directions in the SST manual).

All in all this is a great rig that is very small and very easy to build and for well under a hundred bucks. In my opinion it's not a toy but another of WAYNE'S WONDERS.

Pete WK8S

-----  
Date: Sun, 29 Jun 1997 11:42:40 -0400 (EDT)  
From: n4js@amsat.org  
To: qrp-l@Lehigh.EDU  
Cc: cw@qsl.net  
Subject: [22131] FD  
Message-ID: <XFMail.970629114922.n4js@amsat.org>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 8bit  
MIME-Version: 1.0

Well, had to work all day yesterday. Today, tried a little 1B from back yard with SLV. First, tried WM20 on 20SSB. Could NOT make a contact. Brought it back in house, listened on other rig. Transmit on freq, etc. So I tried the Argo. Still couldn't make a 20M SSB contact. Took the HW8 and a new (to me) Lightning Bug outside. I started at about 14075, and tuned down, calling every "CQ FD" I heard. I worked 90% on the first call, and the rest one more call, no sweat. (Although the HW8 DC receiver is NOT designed for crowded bands :- ) I then tried 40M, same thing, easy to work anybody on CW.

Wish I had had a chance to work the whole thing. Oh well, back to playing.....

(BTW, that Lightning Bug is GREAT! What a nice feel. Even I can send decently with it. MUCH better than my "Original" Wonder why they quit making them?)

Sent at 11:49:22 on 29-Jun-97

John L. Sielke	n4js@amsat.org	n4js@pobox.com
\         _     / _ _	n4js@n4js.ampr.org	NJ Grid:FM29LN
. '     _ _         \ _ _ \	<a href="http://www.qsl.net/n4js">http://www.qsl.net/n4js</a> NJ-QRP #57 QRP-L #884	

|\_|\\_| | | \\_/\_/ |\_\_\_/ QRP-ARCI #9328 CQC #443 CQrp #50  
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243  
WIMPS Qs=026 30m=23 17m=3 12m=0 States=09/02/00 Countries=13/02/00

-----  
Date: Sun, 29 Jun 1997 02:51:25 GMT  
From: michael.hopkins.1171@corvus.com (Michael Hopkins)  
To: qrp-1@Lehigh.EDU  
Subject: [22132] QRP Frontier?  
Message-ID: <9706291100209363@corvus.com>

I visited a friend who was having trouble getting a Forty-  
9er to work. Those are well known, so I expected little trouble,  
but when I arrived I found he was building it into a paper  
cylinder maybe a half inch diameter by about four inches. "What  
is that?" I asked.

"It is the applicator from one of the new feminine hygiene  
products for Juniors," he replied, "I want to be the first to  
build a rig in one." Why, I asked?

"Well, they don't sell Altonoids around here, and besides I  
want to scale one of the final frontiers of QRP."

"With a tampon holder?" I asked for clarification, and he  
told me that it would also be easy to get thru Customs, without  
telling me why he might want to do that.

I could not help. My eyes are tired and he absolutely  
refused to wind a coil around the cardboard: "It all needs to be  
inside."

I left with heavy heart and thoughts. What value is there  
in a tradition that discourages, not encourages new builders?  
Moreover, why do we miniaturize at all. How many rigs, of all we  
own, actually went to field Day while my friend, Pendergast, was  
struggling? Have we chosen the wrong path and made ourself a  
coven of short call Extras in the bargain?

Michael.Hopkins@DRIG.com, AB5L  
QRP ARCI # 4400, G-QRP # 669

-----

Date: Sun, 29 Jun 1997 16:06:58 +0000  
From: Sandy W5TVW <ebjr@worldnet.att.net>  
To: qrp-l@Lehigh.EDU  
Subject: [22133] Scanners?  
Message-ID: <19970629160654.AAB8793@LOCALNAME>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I know this group isn't catering to scanners....but.....

Does anyone know the name of a newsgroup that caters to scanner technical problems? Bearcat scanners specifically.

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

\*\*Looking for: 860 tubes, WL-460 tubes\*\*

\*\*Butternut HF2V antenna, G-R test gear.....\*\*\*

-----  
Date: Sun, 29 Jun 1997 13:15:11 -0400  
From: K4AHK@ix.netcom.com  
To: pharden@aoc.nrao.edu  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [22134] Re: MIR comm frequency  
Message-ID: <33B6981E.7487@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The Washington Post newspaper reported that MIR did indeed lose control of it's guidance mechanism for a short while. It has been repaired.

-----  
Date: Sun, 29 Jun 1997 13:56:03 -0400 (EDT)  
From: n4js@amsat.org  
To: qrp-l@Lehigh.EDU  
Subject: [22135] 15 meters open  
Message-ID: <XFMail.970629135947.n4js@amsat.org>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 8bit

MIME-Version: 1.0

Guess it was the contest, but made first contacts on 15 I have for a long time.  
Nice to hear it open, although I think it was Sporadic-E.

Now FD is winding down, a couple questions. I have been looking for the rules  
for the MI-QRP 4th of July Sprint, and also the QRP-ARCI Summer HB Sprint on  
July 13. I checked QRP-ARCI home page, and they mention it, but no times, etc.  
(I have not received my July QRPp yet). I think both would be of enough interest  
that no one would object to a posting to the list...??

Probably, once again, I am the last to know.....

Sent at 13:59:47 on 29-Jun-97

```
John L. Sielke n4js@amsat.org n4js@pobox.com
| \ | | | | _ | | / _ _ | n4js@n4js.ampr.org NJ Grid:FM29LN
| . ' | | _ _ | | | | \ _ _ \ http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
| _ | \ | | _ | \ _ _ / | _ _ / QRP-ARCI #9328 CQC #443 CQrp #50
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
WIMPS Qs=026 30m=23 17m=3 12m=0 States=09/02/00 Countries=13/02/00
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-----  
Date: Sun, 29 Jun 1997 14:03:31 -0400 (EDT)  
From: n4js@amsat.org  
To: n4js@amsat.org  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [22136] RE: 15 meters open  
Message-ID: <XFMail.970629140502.n4js@amsat.org>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 8bit  
MIME-Version: 1.0

On 29-Jun-97 n4js@amsat.org typed:

>Guess it was the contest, but made first contacts on 15 I have for a long  
>time.

I have been looking for the rules  
>for the MI-QRP 4th of July Sprint, and also the QRP-ARCI Summer HB Sprint on  
>July 13. I checked QRP-ARCI home page, and they mention it, but no times, etc.  
>(I have not received my July QRPp yet). I think both would be of enough  
>interest  
>that no one would object to a posting to the list...??

I MEANT QRP Quarterly! I get my newsletters mixed up...among other things....

-----  
Date: Sun, 29 Jun 1997 13:28:27 -0500  
From: Bob Liesenfeld <wb0poq@visi.com>  
To: QRP-L reflector <qrp-l@Lehigh.EDU>  
Subject: [22137] Keyer  
Message-ID: <33B6A94B.69C1C825@visi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi,

I'm looking for a keyer to put in my latest 8mm film can rig. Something ala the Curtis chip (are these still available?) I don't really need memories, or freq read out, but it does need to be small. Suggestions?

Tnx es 72

--

Genuine E-mail From the Land of the Everlasting Icicle...  
Bob Liesenfeld  
wb0poq@visi.com

-----  
Date: Sun, 29 Jun 1997 14:51:41 EDT  
From: rob3ert@juno.com (Robert G. Parks)  
To: wb0poq@visi.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [22138] Re: Keyer  
Message-ID: <19970629.115039.3606.6.rob3ert@juno.com>

Bob,

It's got to be a TiCK chip keyer!

Try them at:

<http://www.vivanet.com/~gmdsr>

on the Web, or at:

[gmdsr@vivanet.com](mailto:gmdsr@vivanet.com)

for e-mail.

Good luck.

72/73

Bob Parks

K6AEC (Las Vegas)

On Sun, 29 Jun 1997 13:28:27 -0500 Bob Liesenfeld <wb0poq@visi.com>  
writes:

>Hi,

> I'm looking for a keyer to put in my latest 8mm film can rig.

>Something ala

>the Curtis chip (are these still available?) I don't really need

>memories, or

>freq read out, but it does need to be small. Suggestions?

>Tnx es 72

>--

>Genuine E-mail From the Land of the Everlasting Icicle...

>Bob Liesenfeld

>wb0poq@visi.com

>

>

-----  
Date: Sun, 29 Jun 1997 12:27:47 -0700 (MST)

From: Joe Gervais <vole@primenet.com>

To: qrp-l@Lehigh.EDU

Subject: [22139] FD Report: Rogue ScQRPion in the Mountains

Message-ID: <199706291927.MAA10146@usr02.primenet.com>

Howdy Folks!

So how'd your Field Day go? A full report from ScQRPion FD HQ  
on the Mogollon Rim should follow soon, but I got home first  
so I'll give you the scoop on my Rogue ScQRPion FD Expedition.

A few months back I'd committed to a backpacking trip to the  
San Francisco Peaks (Flagstaff, AZ). Too bad I hadn't checked  
the calendar - turned out it was FD weekend. Doh! Not a problem.  
I'd been wanting to try truly portable QRP for awhile, and  
operating FD from Humphreys Peak (12,600+ ft of lung-thrashing  
fun) sounded like a great way to get started. Wouldn't be able  
to operate with the rest of the ScQRPions though. :(

Flash forward to the afternoon before Field Day. I'm desperately  
trying to tune up my just-built Sierra 20m module, and my dummy  
load is MIA. My "Treeline Raider" antenna is still just a mental

blueprint. And I was supposed to be on the trail (a 3-hour drive away) 4 hours ago. Once again my fine planning is paying off. :-)

4:30pm - Chaos. Finally I get the 20m module happy, and the parts for the AB7TT "Treeline Raider" antenna system are ready to go. Too bad my soldering gun isn't. ARGH!!! I could generate more heat on the connection by leaving it in the AZ sun! Finally limp a few connections together (much to the amusement of my non-ham backpacking friend) and we hit the road.

9:30pm - Trailhead. Beautiful starry night at 9000 ft above sea level. The Milky Way is so bright it's almost comical. A few satellites wander lazily across the sky. (No really! If you've ever been under *\*truly\** dark skies, you know what I'm talking about.) We turn on the flashlights and hike in about a mile before settling down for the night.

5:30am - Wake up. Morning arrived too fast, as usual, and by 6:30am we're hiking through large stands of aspen trees and little meadows of mountain wild flowers. Sure beats workin'! :) The sound of wind howling high in the treetops hints that the peak may be a little interesting today. My hiking partner isn't used to altitude, so we take it slow and easy.

10:00am - Treeline. Trees are gone, and we finally meet face-to-face with the wind we've been hearing. Yowza! Judging from cloud shadows moving across a large meadow below, the wind's pushing a steady 40mph. This could be fun.... Another mile of trail and 1200 ft of elevation to go. I stash my Fedora hat in some rocks for safe keeping and pull on the balaclava.

11:30am - The Peak. The 40mph wind must be at least 50mph sustained, with 60mph gusts. Some folks are literally crawling up the last pitch to avoid being blown over. Luckily my 35-lb pack gives me just enough mass that I can lean at a 45 degree angle into the wind and keep walking. We are having fun. :) Various groups of folks are huddled by a low rock wall. One guy makes the mistake of standing up with his hat on. It leaps off his head instantaneously, at lightning speed. Nice flat trajectory. Probably landed in New Mexico. (Hey Jay, did you find a hat out there?) Needless to say, my antenna ain't goin' up! :( We all break out the muchies and spend an hour or two enjoying the view (Grand Canyon to the NW, Crater Nat'l Monument to the east, etc.). 'Course with the howling wind we look like nervous marmots, popping our head above the windbreak just long enough to catch a glimpse of the incredible scenery, then ducking back down.

3:00pm - Treeline again. Figure I have to at *\*least\** set up

my station and see how it works! Antenna goes together smoothly as curious hikers look on. I explained to several of them what amateur radio is, what Field Day is about, and that I'd be putting out a couple watts of power to contact hams all across North America. Hey, I get FD info booth bonus points! :)

3:15pm - On the air. Sierra, tuner, AA battery pack ready. Fire it up and 20m is alive! Mostly with signals that my exhausted brain can't copy! Finally my neural circuits stabilize and over the next 45 minutes I work 8 stations spread across AL, IL, GA, LA, MN and WNY. High altitude hamming fun! Reluctantly I shut down at 4:00pm. My friends have gone ahead without me and I need to get off the mountain.

9:30pm - Home. I'd wanted to drive across the Rim to where the rest of the ScQRPions were operating, but we'd gotten off the mountain a bit late and my friend had to get back to Phoenix.

But hey, it was a blast! And while on the peak I saw a \*great\* site to operate from next year, all 24+ hours. I'll give it a trial run during the ARS Flight of the Bumblebees next month.

Look forward to hearing how the rest of you did!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"And then you must cut down the mightiest tree in the forest with... A HERRING!"

-----  
Date: Sun, 29 Jun 1997 12:51:38 -0700 (PDT)  
From: Alan Kaul <kaul@netcom.com>  
To: SNickrand@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [22140] Re: 74HCT240 vs. 74HC240 in 38S  
Message-ID: <Pine.3.89.9706291258.A17732-0100000@netcom22>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I think they're 5 volt chips.... 38S has an 8 volt bus.  
Ooooooops!  
72/73 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com



-----  
Date: Sun, 29 Jun 1997 15:50:17 -0700  
From: "Kelly Ellison" <kelman@dialnet.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [22141] Trade Argosy for Icom 730  
Message-ID: <199706292050.PAA20499@shell.dialnet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi all,

I have a TenTec Argosy 525 that has a Digital Readout. I like the radio, but would really like to trade it for an Icom 730. The 730 is my all-time favorite radio. Let me know if you are interested. The Digital Display was added to the radio, and it works real well. The Display can be shut off to conserve the battery during portable operation. No Cash deals please. For more information contact me at kelman@dialnet.net

Thanks,

Kelly Ellison  
WB0WQS  
Aurora, Missouri  
QRP-L# 702

-----  
Date: Sun, 29 Jun 1997 13:53:11 -0700 (PDT)  
From: "David D. Meacham" <ddm@datatamers.com>  
To: pmeier <pmeier@tir.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [22142] Re: SST not a toy!  
Message-ID: <Pine.LNX.3.91.970629134833.12944C-100000@dt1.datatamers.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Pete,

I certainly agree with you! I changed RFC3 to 5.6uH, too, to get up to 14062, and added a KC-1. What a nifty little rig! The only thing more that I might add is a "Buzznot" noise blanker.  
72, Dave, W6EMD

-----  
Date: Sun, 29 Jun 1997 21:18:39 GMT  
From: mdwatt@usit.net (Marty Watt)  
To: qrp-1@Lehigh.EDU  
Subject: [22143] Logging Survey  
Message-ID: <33b6d0b3.2221764@smtp.usit.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

The response to the logging survey is completely underwhelming, so I'm going to drop it. Thanks to the three who responded.

72 es 73 de=20  
Marty, KM7W

-----  
Jackson, Tennessee e-mail: mdwatt@usit.net  
http://www.public.usit.net/mdwatt  
"The Curmudgeon's Corner"  
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq  
~~~~~

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Date: Sun, 29 Jun 97 14:47:00 PDT  
From: Cecil A Moore <Cecil\_A\_Moore@ccm.ch.intel.com>  
To: qrp-1@Lehigh.EDU  
Subject: [22144] 40m G5RV Beam

Just wondering if, for field day, anybody tried my idea of hanging a 27 ft. wire down from the end of a G5RV to get a beaming action in the direction of that extra wire on 40m? It's working great at my QTH allowing nighttime coverage of all the NW states with a G5RV length running N10W in AZ.

73, Cecil, W6RCA, 00TC

-----  
Date: Sun, 29 Jun 1997 18:04:29 -0400 (EDT)  
From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>  
To: qrp-1@Lehigh.EDU  
Subject: [22145] FD- 1B VA  
Message-ID: <Pine.A32.3.93.970629174754.17478A-100000@weyl.math.Virginia.EDU>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Family commitments prevented me from joining the Knightlites at Lake Gaston, NC, but managed a backyard "in the tent" FD, sharing operations with wife Kim, KD6WJK, and logging with kids Carl and Sarah. With antennas only for 80 and 40m, we managed 101 CW QSOs and 99 SSB QSOs, using the Centennial for about 40 QSOs on 80m. We also attended a cub scout daycamp program, a girl scout planning session, and my boy's best friend's birthday party.

As my rig chirped to a halt, dragging two dead batteries behind it, the last station I worked sent "N7RI 1B IN VA? IMPOSSIBLE". The fog in my mind equalling that in his, I replied "U NUTS?" That was my final transmission.

72, Ralph N7RI  
Charlottesville VA

-----  
Date: Sun, 29 Jun 1997 18:21:12 -0700  
From: astone@erols.com  
To: qrp-1@Lehigh.EDU  
Subject: [22146] Nuts & Volts -- Need a Few Articles  
Message-ID: <33B70A08.1C85@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Perhaps someone who has access to back issues can help me out. I'm looking for a few specific articles going back to Dec. 96. The Feb. 97 issue has an article on buying used test equipment and the Dec. 96 issue has an article "How Much Scope is Enough" by Mazur. There's a follow-up article in Jan. 97 as well on Scopes. Will of course pay costs. Thanks for your help.

72,

Ron (KA3J)  
Bethesda, MD

-----  
Date: Sun, 29 Jun 1997 16:50:09 -0600  
From: Larry East <wlhue@amsat.org>  
To: qrp-l@Lehigh.EDU  
Subject: [22147] RE: Voltage Regulator ICs and Low Power CMOS  
Message-ID: <2.2.16.19970629225009.189f1bc2@eloi>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

CORRECTION:

>  
>On the subject of voltage regulators for CMOS keyers: Check Mike "Ski"'s  
column in the July issue of the ARCI QRP Quarterly (NOT to be confused with  
the NorCal QRPp!) for a neat little circuit using a MAX663 ultra-low  
quiescent current 5V regulator IC. This little 8-pin IC not only functions  
as a 5V regulator supplying up to 40mA, but it can also provide a low  
battery voltage indication (as shown in the schematic in the QRP Quarterly).  
It can even be configured to provide any output voltage in the range of  
about 2V to 16V (with input voltage up to 40V, as I recall) and variable  
output current limiting. Neat stuff comes in small packages these days!  
>

The IC is a MAX666, \*not\* MAX663. Guess everyone has been too busy with  
Field Day to catch my boo-boo... :-) BTW -- If you need more than 40mA, you  
can substitute a MAX667 in the same circuit.

72, L.

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End of QRP-L Digest 772  
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